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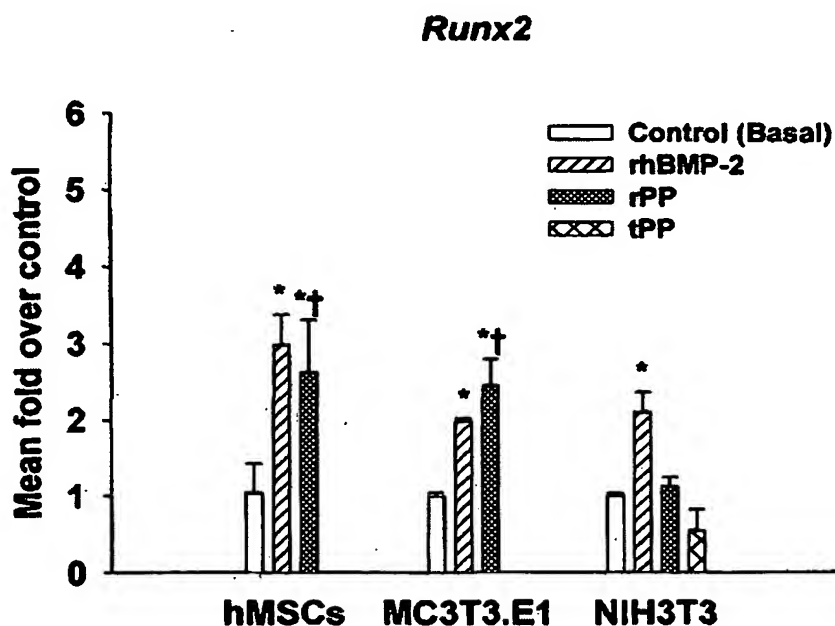
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[Continued on next page]

(54) Title: METHOD OF INDUCING BIOMINERALIZATION, METHOD OF INDUCING BONE REGENERATION AND METHODS RELATED THEREOF



(57) Abstract: A method of inducing biomineralization in a tissue, which method comprises administering to the tissue a source of Phosphophoryn (PP) in an amount sufficient to induce biomineralization; a method of treating tooth sensitivity or injured pulp tissue; a method of inducing differentiation of a cell into an osteogenic cell or odontogenic cell; a method of inducing bone or dentin regeneration; a method of inducing periodontal regeneration; a method of inducing differentiation of a cell into a cementoblast, osteoblast, or periodontal ligament cell; and a composition comprising a source of PP and a carrier.

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